Licensed HEIs Guide to Mapping Core Content

The purpose of this guide is to outline the process of mapping core content of Higher National programmes.

The requirement for this is described in section 5.2 of the Licence Agreement, which states: *'Where a BTEC Higher National exists with a closely related title and/or content the centre-devised programme must cover the same core content as in the equivalent BTEC Higher National programme.* ***Where there is no equivalent BTEC Higher National programme then there is no requirement of this kind****.'*

Note that centre-devised Higher Nationals do not have to have the same core units as the equivalent BTEC Higher National programme. There should, however, be a mapping of where the core content is covered across the centre-devised Higher National.

This guide uses as an example the Pearson BTEC HND in Mechanical Engineering to explain the four stages involved.

Stage 1: *Consideration of any mapping requirements*

This consideration should start at the programme development stage. Programme teams should obtain copies of the BTEC Higher National Diploma Specification in order to identify core units and core content.

The core units for a particular BTEC Higher National programme can be found on the Edexcel web pages: www.edexcel.com

To find the BTEC Higher National you should select the **Find a Qualification** field on the home page:

Next select **BTEC Higher Nationals from 2010.**

Now select from the Subjects the **Higher National programme of interest e.g. Mechanical Engineering.**

Next select **Specification**

Stage 2: *Identifying core units and core content*

From the **Specification** you will be able to identify the core units and from the **Units** you will find:

Unit title
Aim
Abstract
Learning Outcomes
Unit Content
Learning Outcomes and Assessment Criteria

The two key areas for the mapping process are the **Unit Content** and the **Learning Outcomes** and **Assessment Criteria**. The former simply defines the indicative content, whereas the latter sets out how this may be assessed, and hence the expected level.

From the **Specification** for the Pearson BTEC HND in Mechanical Engineering (page 6) it will be seen that there are **four** core units. These are:

Analytical Methods for Engineers
Engineering Science
Project Design, Implementation and Evaluation
Mechanical Principles

From the **Units** document the **Unit Content** for each of the learning outcomes for the four core units can be found.

Stage 3: ***Mapping of core content***

The next task is to identify where in your Pearson HND in Mechanical Engineering programme the core unit content is covered.

Probably the easiest way to present the mapping is to list the BTEC Higher National Core unit content, by learning outcome, and alongside this indicate where in your programme this is covered. For example, for the BTEC core unit *Analytical Methods for Engineers* the mapping might be presented in tabular form, such as:

Core unit: ***Analytical Methods for Engineers*** **Learning Outcome**	**Where covered in Programme**
1. Be able to analyse and model engineering situations and solve problems using algebraic methods. 2. Be able to analyse and model engineering situations and solve problems using trigonometric methods. 3. Be able to analyse and model engineering situations and solve problems using calculus. 4. Be able to analyse and model engineering situations and solve problems using statistics and probability.	*Note: Here you should list the module or unit where the associated material is covered in your programme.*

Stage 4: ***Submission of mapping to Pearson***

The approval process for Licensed HEI programmes is initiated by submission of the Programme Specification to Pearson (UKVQApproval@pearson.com). The core content mapping can be included within the Programme Specification or may be a separate document.

Please add a statement confirming that as part of the University's validation or approval process it has been confirmed that the core content for the Pearson BTEC HND in Mechanical Engineering is covered in the University's HND in Mechanical Engineering.